(FILE 'HOME' ENTERED AT 17:15:58 ON 29 JUL 2009)

```
FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, DISSABS' ENTERED AT
     17:16:08 ON 29 JUL 2009
L1
          22981 SEA ABB=ON PLU=ON SEMICONDUCTOR(S) (PARTICLE OR BEAD OR
               NANOCRYSTAL)
L2
            108 SEA ABB=ON PLU=ON L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOT
               IDE OR NUCLEIC)
L3
             97 DUP REM L2 (11 DUPLICATES REMOVED)
                     ANSWERS '1-3' FROM FILE MEDLINE
                     ANSWERS '4-78' FROM FILE CAPLUS
                     ANSWERS '79-80' FROM FILE BIOSIS
                     ANSWERS '81-82' FROM FILE SCISEARCH
                     ANSWERS '83-97' FROM FILE DISSABS
L*** DEL
             3 S L1(S) (DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            77 S L1(S) (DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             3 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            15 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             10 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            15 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
             O SEA ABB=ON PLU=ON L3 AND PY,2001
L4
L*** DEL
             3 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            77 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             3 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            15 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            10 S L1(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             15 S L1(S) (DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
             13 SEA ABB=ON PLU=ON L3 AND PY<2001
L.5
                D BIB ABS L5 1-13
         33255 SEA ABB=ON PLU=ON CERAMIC(S)(PARTICLE OR BEAD OR NANOCRYSTAL)
1.6
             32 SEA ABB=ON PLU=ON L6(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOT
L7
                IDE OR NUCLEIC)
L8
             24 DUP REM L7 (8 DUPLICATES REMOVED)
                     ANSWER '1' FROM FILE MEDLINE
                     ANSWERS '2-22' FROM FILE CAPLUS
                     ANSWERS '23-24' FROM FILE DISSABS
L*** DEL
             1 S L6(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            22 S L6(S) (DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
            2 S L6(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             2 S L6(S)(DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             2 S L6(S) (DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
L*** DEL
             2 S L6(S) (DNA OR POLYNUCLEOTIDE OR OLIGNOUCLEOTIDE OR NUCLEIC)
             6 SEA ABB=ON PLU=ON L8 AND PY<2001
L9
                D BIB ABS L9 1-6
```

## FILE HOME

## FILE MEDLINE

FILE LAST UPDATED: 28 Jul 2009 (20090728/UP). FILE COVERS 1949 TO DATE.

MEDLINE and LMEDLINE have been updated with the 2009 Medical Subject Headings (MeSH) vocabulary and tree numbers from the U.S. National Libra of Medicine (NLM). Additional information is available at

http://www.nlm.nih.gov/pubs/techbull/nd08/nd08\_medline\_data\_changes\_2009.

On February 21, 2009, MEDLINE was reloaded. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

## FILE CAPLUS

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FILE COVERS 1907 - 29 Jul 2009 VOL 151 ISS 5
FILE LAST UPDATED: 28 Jul 2009 (20090728/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

FILE BIOSIS

FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 22 July 2009 (20090722/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

FILE EMBASE

FILE COVERS 1974 TO 29 Jul 2009 (20090729/ED)

EMBASE was reloaded on March 30, 2008.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

FILE SCISEARCH

FILE COVERS 1974 TO 23 Jul 2009 (20090723/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

FILE DISSABS

FILE COVERS 1861 TO 29 JUN 2009 (20090629/ED)

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